AMENDMENTS TO THE CLAIMS

This listing of the claims replaces all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

1. **(Currently amended)** A coil tubing injector assembly comprising:

a frame structure for mounting above a wellhead; and

at least one gripper chain drive system mounted to the frame structure for injecting a plurality of coil tubing strings of different diameters into and extracting the coil tubing strings from a subterranean well and having a plurality of opposed gripping blocks, the gripping blocks of the at least one gripper chain drive system having at least first, second and third coil tubing gripping surfaces respectively adapted to simultaneously grip a said coil tubing string of a respective first, second and third diameter.

2. **(Previously presented)** The assembly as claimed in claim 1 wherein each of the gripping blocks comprises at least one said gripping surface adapted to grip one of the plurality of coil tubing strings.

3. **(Currently amended)** The assembly as claimed in claim 2 wherein the at least first, second and third coil tubing gripping surfaces are concave.

4. **(Currently amended)** The assembly as claimed in claim 3 comprising a single said gripper chain drive system, wherein the single gripper chain drive system has a pair of opposed gripper chain drives, wherein each gripper chain drive in said pair includes a respective said plurality of opposed gripping blocks that are substantially identical, and wherein each of the opposed gripping blocks defines at least the first, second and third gripping surfaces.

5. **(Previously presented)** The assembly as claimed in claim 4 wherein each of the gripping blocks has at least four said gripping surfaces, each of the gripping surfaces being respectively adapted to grip a tubing string of a different diameter.

6. **(Cancelled)**

7. **(Cancelled)**

8. **(Cancelled)**

9. **(Previously presented)** A coil tubing injector assembly, comprising:

at least three independently drivable gripper chain drive systems, each gripper chain drive system having a pair of opposed gripper chain drives, each gripper chain drive system having a plurality of substantially identical gripping blocks for gripping respective tubing strings of respectively different diameters, wherein the coil tubing injector assembly can be used to inject at least three coil tubing strings having respective different diameters into a well either synchronously or asynchronously.

10. **(Original)** The assembly as claimed in claim 9 wherein each gripping block has a single gripping surface.

11. **(Cancelled)**

12. **(Previously presented)** The assembly as claimed in claim 10 comprising four gripper chain drive systems each having gripping blocks with gripping surfaces of a different size than the gripping surfaces of the other three gripper chain drive systems.

13. **(Currently amended)** The assembly as claimed in claim 10 comprising five gripper chain drive systems each having gripping blocks with gripping surfaces of a different size than the gripping surfaces of the other four gripper chain drive systems.

14. **(Original)** The assembly as claimed in claim 1 wherein the at least one gripper chain drive system comprises a pair of opposed gripper chain drives, each gripper chain drive having a drive sprocket mounted to a drive shaft, each drive shaft being coupled to a motor whereby the drive shafts of the opposed gripper chain drives are rotated at a same angular velocity but in opposite rotational directions.

15. **(Original)** The assembly as claimed in claim 14 wherein each gripper chain drive further comprises:

an idle sprocket mounted to an idle shaft; and

a gripper chain engaged with the drive sprocket and the idle sprocket, the gripper chain having the gripping blocks attached around an outer periphery of the gripper chain.

16. **(Previously presented)** The assembly as claimed in claim 15 wherein each gripper chain drive further comprises a pressure beam supported by the frame structure and movable with respect to the frame structure, the pressure beam being adapted to support the gripper chain while the gripper chains grip the coil tubing string.

17. **(Original)** The assembly as claimed in claim 16 further comprising a roller chain system operatively mounted to the pressure beam for reducing friction between the pressure beam and the gripper chain.

18. **(Previously presented)** The assembly as claimed in claim 16 wherein the pressure beam is connected to an actuator mounted to the frame structure for moving the pressure beam.

19. **(Currently amended)** A method of injecting or extracting at least one of three differently-sized coil tubing strings into or from a subterranean well using a single coil tubing injector, comprising the steps of:

simultaneously gripping at least three differently-sized coil tubing strings with at least three differently-sized gripping surfaces respectively formed on at least three gripping blocks attached to opposed gripper chains; and

driving at least one of the opposed gripper chains at substantially the same angular velocity in opposite rotational directions to inject at least one of the at least three coil tubing strings into the well, or extract at least one of the at least three coil tubing strings from the well.

20. **(Previously presented)** The method as claimed in claim 19 further comprising a step of actuating pressure beams to force the gripping surfaces of the gripper chains against the at least three coil tubing strings.